

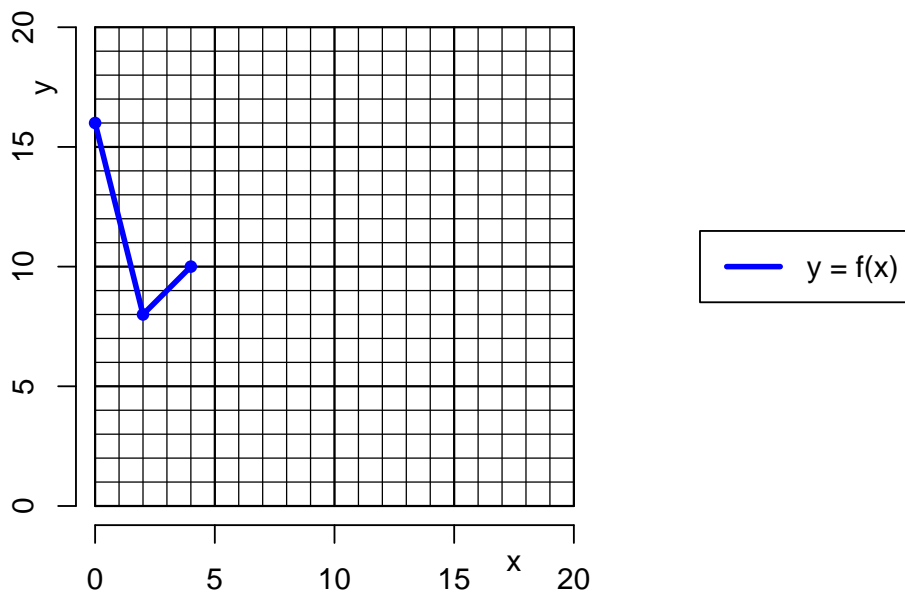
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 25)

### Question 1

Curve  $y = f(x)$  contains points  $(0, 16)$  and  $(2, 8)$  and  $(4, 10)$ , as shown on the  $x$ - $y$  plane below.

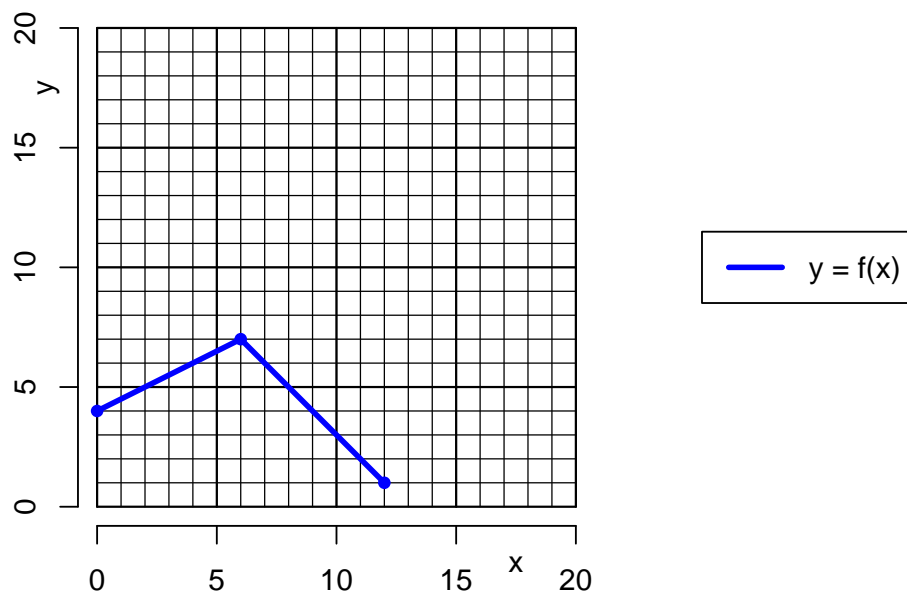


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x-3}{3}\right] + 6}{2}$$

## Question 2

Curve  $y = f(x)$  contains points  $(0, 4)$  and  $(6, 7)$  and  $(12, 1)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 2f[3(x - 6)] + 4$$